

WHAT IS CLAIMED IS :

1. A conveying device for machines for packaging articles in rolls and the like, the conveying device including:

conveying means moved stepwise along an endless path, in a forward movement direction;

a series of spaced out carriages fastened to said conveying means and disposed in pairs, each pair of said pairs of said adjacent carriages defining holding seats for respective groups of articles to be packaged in a single pack with a sheet of a wrapping material;

each carriage of said carriages including:

gliding means fastened to said conveying means crosswise to said forward movement direction of said conveying means;

slide means slidably mounted on said gliding means and located in a selected position along said gliding means of said carriages;

a series of pushing prongs extending, perpendicular to said conveying means, from said slide means;

means for adjusting said pushing prongs on said carriages by operating said slide means to move to a new selected position along said gliding means.

2. A device as in claim 1 wherein the number of said pushing prongs on each carriage is the maximum possible, in relation to the dimensions of the groups of articles to be packaged in a pack.

3. A device as in claim 1 wherein said slide means are kept by friction on said gliding means by elastic gripping means.

4. A device as in claim 1 wherein said means for adjusting the position of the pushing prongs engage with respective longitudinal grooves made on said slide means.

5. A device as in claim 4 wherein said groove has a "V"-like portion which acts as an inlet section for engaging with said adjusting means.

6. A device as in claim 1 wherein said means for adjusting the position of the pushing prongs include idle wheels mounted on respective supporting means disposed along axes crosswise to said forward movement direction, said supporting means moving crosswise according to the axis of said wheels, said wheels engaging with respective longitudinal grooves made on said slide means.

7. A device as in claim 1 wherein said means for adjusting the position of the pushing prongs include longitudinal rods, which engage with respective grooves made on said slide means and moving crosswise to the direction of the forward movement.

8. A device as in claim 1 wherein said means for adjusting the position of said slide means include endless flexible means, which are fastened to the respective slide means and are trained around a close loop path, said flexible means moving crosswise to the direction of the forward movement.

9. A device as in claim 1 wherein said means for adjusting the position of said slide means include bars, which extend in a loop path and are moved crosswise to said forward movement direction, with said bars engaging with respective longitudinal grooves made on said slide means.

10. A device as in claim 1 wherein said gliding means include a pair of stems, which are arranged crosswise to said forward movement direction of the conveying means and having opposite ends fastened to said carriages, said carriages sliding on guiding means following a close loop path.

11. A device as in claim 1 wherein said means for adjusting the position of the slide means include pairs of adjacent idle rollers, which rotate on axes crosswise to said forward movement direction, and which intercept extensions of said the slide means, said pairs of rollers being carried by relative supports, which move crosswise to said forward movement direction.

12. A device as in claim 1 wherein said means for adjusting the position of said slide means include endless transmission means, which are trained around a close loop path and move crosswise to said forward movement direction, said transmission means being alternately fastened and in engagement with corresponding slide means of subsequent carriages, facing each other.